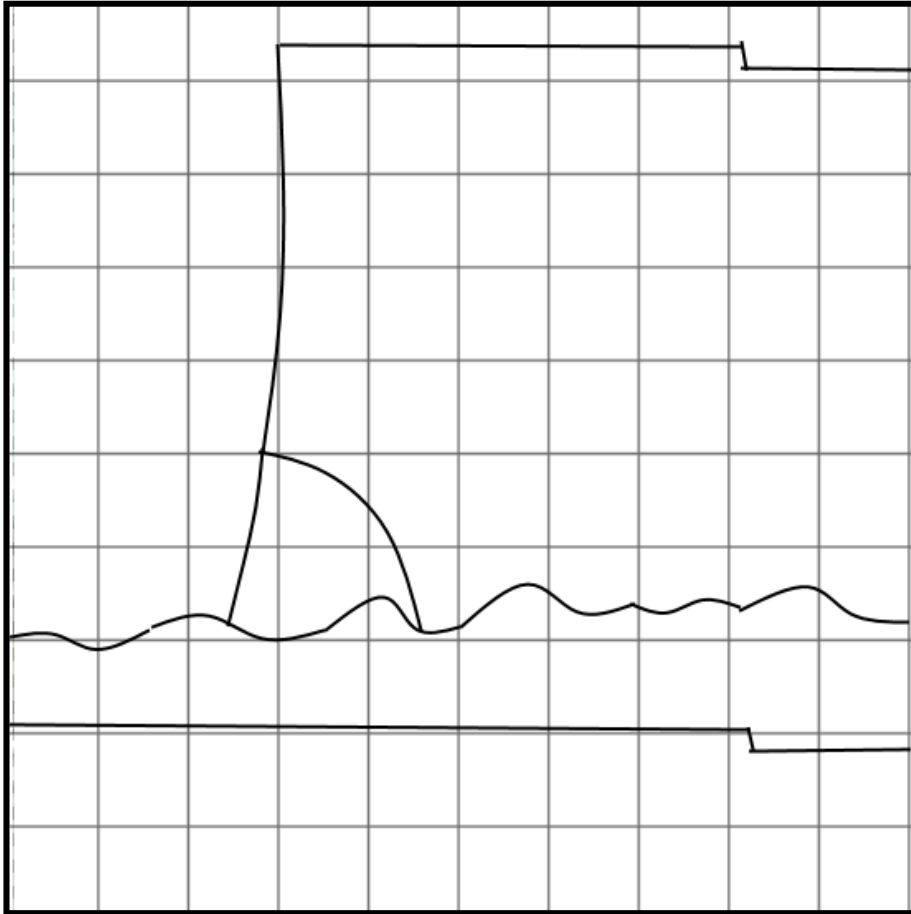


Washington Convention Center Surfaces



1. Color all surfaces on the map that **water doesn't soak into** (impermeable) **RED**.
2. Color all surfaces on the map that **water can soak into** (permeable) **GREEN**.
3. Draw arrows on the map showing **which way water flows** in **BLUE**. If it's hard to tell which way the land tilts, use a marble tool
4. Draw **BROWN** dots on the map showing **where water soaks into the ground**.

MAP KEY:

- Impermeable Surface
- Permeable Surface
- Direction of water flow
- Water soaks in

Figure out the total number of squares on the map grid =

A. Find the number of **impermeable** squares. _____ Round to the nearest whole number _____ What fraction of the total surface is **impermeable**? _____

B. Find the number of **permeable** squares. _____ Round to the nearest whole number _____ What fraction of the total surface is **permeable**? _____